

| Application No.     | Applicant(s)     |  |  |  |  |  |  |  |
|---------------------|------------------|--|--|--|--|--|--|--|
| 09/598,249          | SHIMANUKI ET AL. |  |  |  |  |  |  |  |
| Examiner            | Art Unit         |  |  |  |  |  |  |  |
|                     |                  |  |  |  |  |  |  |  |
| Stanban M. DiAgosta | 2602             |  |  |  |  |  |  |  |

| ISSUE CLASSIFICATION                |                             |   |   |       |     |                                   |                |      |                         |                    |  |     |  |  |  |  |
|-------------------------------------|-----------------------------|---|---|-------|-----|-----------------------------------|----------------|------|-------------------------|--------------------|--|-----|--|--|--|--|
| ORIGINAL                            |                             |   |   |       |     | CROSS REFERENCE(S)                |                |      |                         |                    |  |     |  |  |  |  |
| CLASS SUBCLASS CLAS                 |                             |   |   |       |     | SUBCLASS (ONE SUBCLASS PER BLOCK) |                |      |                         |                    |  |     |  |  |  |  |
|                                     | 455 255                     |   |   | 455   | 316 | 196.1                             | 113            | 7/   |                         |                    |  |     |  |  |  |  |
| INTERNATIONAL CLASSIFICATION        |                             |   |   |       | 331 | 66                                | 70             | 176  |                         |                    |  |     |  |  |  |  |
| H                                   | 0                           | 4 | B | 1/06  |     |                                   |                |      |                         |                    |  |     |  |  |  |  |
| H                                   | 0                           | 4 | B | 7 /00 |     |                                   |                |      |                         |                    |  |     |  |  |  |  |
|                                     |                             |   |   | 1     |     |                                   |                |      |                         |                    |  |     |  |  |  |  |
|                                     |                             |   |   | 1     |     |                                   |                |      |                         |                    |  |     |  |  |  |  |
|                                     |                             |   |   | . /   |     |                                   |                |      |                         |                    |  | ::' |  |  |  |  |
|                                     | (Assistant Examiner) (Date) |   |   |       |     |                                   | ,              | д    | Total Claims Allowed: 8 |                    |  |     |  |  |  |  |
| (Legal Instruments Examiner) (Date) |                             |   |   |       |     | Pri                               | imary Examiner | ) (C | 0<br>Print 0<br>2       | O.G.<br>Print Fig. |  |     |  |  |  |  |

|       | Claims renumbered in the same order as presented by applicant |    |       |          |   |       |          |   | □ СРА |          |  | ☐ T.D. |          | ☐ R.1.47 |       |          |     |       |          |
|-------|---|----|-------|----------|---|-------|----------|---|-------|----------|--|--------|----------|----------|-------|----------|-----|-------|----------|
| Final | Original  |    | Final | Original |   | Final | Original |   | Final | Original |  | Final  | Original |          | Final | Original |     | Final | Original |
|       | 1   | ]. |       | 31       |   |       | 61       | ] |       | 91       |  |        | 121      |          | -     | 151      | 4 " |       | 181      |
|       | 2   | ]  |       | 32       |   |       | 62       | ] |       | 92       |  |        | 122      |          |       | 152      |     |       | 182      |
|       | 3   |    |       | 33       |   |       | 63       |   |       | 93       |  |        | 123      | ľ        |       | 153      |     |       | 183      |
|       | 4   |    |       | 34       |   |       | 64       |   |       | 94       |  |        | 124      |          |       | 154      |     |       | 184      |
|       | 5   |    |       | 35       |   |       | 65       |   |       | 95       |  |        | 125      |          |       | 155      |     |       | 185      |
|       | 6   |    |       | 36       |   |       | 66       |   |       | 96       |  |        | 126      |          |       | 156      |     |       | 186      |
|       | 7   |    |       | 37       |   |       | 67       |   |       | 97       |  |        | 127      |          |       | 157      |     |       | 187      |
|       | 8   |    |       | 38       |   |       | 68       |   |       | 98       |  |        | 128      |          |       | 158      |     |       | 188      |
|       | 9   | ]  |       | 39       |   |       | 69       |   |       | 99       |  |        | 129      |          |       | 159      |     |       | 189      |
|       | 10  |    |       | 40       |   |       | 70       |   |       | 100      |  |        | 130      |          |       | 160      |     |       | 190      |
|       | 11  | }  |       | 41       |   |       | 71       | 1 |       | 101      |  |        | 131      |          |       | 161      |     |       | 191      |
|       | 12  |    |       | 42       |   |       | 72       | 1 |       | 102      |  |        | 132      |          |       | 162      |     |       | 192      |
|       | 13  | ]  |       | 43       |   |       | 73       |   |       | 103      |  |        | 133      |          |       | 163      |     |       | 193      |
|       | 14  | ]  |       | 44       |   |       | 74       |   |       | 104      |  |        | 134      |          |       | 164      |     |       | 194      |
|       | 15  | ]  |       | 45       |   |       | 75       |   |       | 105      |  |        | 135      |          |       | 165      |     |       | 195      |
|       | 16  |    |       | 46       |   |       | 76       |   |       | 106      |  |        | 136      |          |       | 166      |     |       | 196      |
|       | 17  |    |       | 47       | , |       | 77       |   |       | 107      |  |        | 137      |          |       | 167      |     |       | 197      |
|       | 18  |    |       | 48       |   |       | 78       |   |       | 108      |  |        | 138      |          |       | 168      |     |       | 198      |
|       | 19  |    |       | 49       |   |       | 79       |   |       | 109      |  |        | 139      |          |       | 169      |     |       | 199      |
|       | 20  |    |       | 50       |   |       | 80       |   |       | 110      |  |        | 140      |          |       | 170      |     |       | 200      |
|       | 21  |    |       | 51       |   |       | 81       |   |       | 111      |  |        | 141      |          |       | 171      |     |       | 201      |
|       | 22  |    |       | 52       |   |       | 82       |   |       | 112      |  |        | 142      |          |       | 172      |     |       | 202      |
| 1     | 23  |    |       | 53       |   |       | 83       |   |       | 113      |  |        | 143      |          |       | 173      |     |       | 203      |
| 2     | 24  |    |       | 54       |   |       | 84       |   |       | 114      |  |        | 144      |          |       | 174      |     |       | 204      |
| 3     | 25  |    |       | 55       |   |       | 85       |   |       | 115      |  |        | 145      |          |       | 175      |     |       | 205      |
| 4     | 26  |    |       | 56       | · |       | 86       |   |       | 116      |  |        | 146      |          |       | 176      |     |       | 206      |
| 5     | 27  |    |       | 57_      |   |       | 87       |   |       | 117      |  |        | 147      |          |       | 177      |     |       | 207      |
| و     | 28  |    |       | 58       |   |       | 88       | , |       | 118      |  |        | 148      |          |       | 178      |     |       | 208      |
| 7     | 29  |    |       | 59       |   |       | 89       |   |       | 119      |  |        | 149      |          |       | 179      |     |       | 209      |
| 8     | 30  |    |       | 60       |   |       | 90       |   |       | 120      |  |        | 150      |          |       | 180      |     |       | 210      |